

Appl. No.: 10/099,977
Filed: March 19, 2002
Amdt. dated January 9, 2007

Amendments to the Claims:

1 – 12 (Cancelled)

13. (Currently Amended) A client-server system comprising a client terminal and a remote server,

wherein the client terminal comprises a portable radio communication device including a user interface and authentication means,

the user interface comprising a plurality of user selectable menu applications and a browser application, and operable to request content which comprises validation data and other data stored at the server, wherein one or more of the menu applications includes, embedded in a sub-menu thereof, a user selectable direct download link comprising the server address, wherein in response to user selection of the direct download link from the sub-menu the browser application controls the radio communication device to transmit a signal to connect to the server, and the authentication means comprises means for checking the validation data of the content downloaded from the server, and wherein the remote server comprises means for downloading said content to the portable radio communication device with the validation data so as to be identifiable by said authentication means as originating from the said server,

wherein the validation data and the other data are downloaded from the server together in a single data stream.

14. (Currently Amended) A client terminal comprising a portable radio communication device including a user interface and authentication means, the user interface comprising a plurality of user selectable menu applications and a browser application operable to request content which comprises validation data and other data stored at the server, wherein one or more of the menu applications includes, embedded in a sub-menu thereof, a user selectable direct download link comprising the server address, wherein in response to user selection of the direct download link from the sub-menu, the browser application controls the radio communication device to transmit a signal to connect to the server, and the authentication means

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comprises means for security checking the validation data of the content downloaded from the server.

wherein the validation data and the other data are downloaded from the server together in a single data stream.

15. (Previously Presented) A terminal as defined in claim 13, wherein the terminal comprises means automatically, after said checking of the validation data, for storing the downloaded content to a memory of the terminal as a default memory setting.

16. (Previously Presented) A terminal as defined in claim 13, wherein said validation data comprises a download transport protocol HTTP header and the authentication means examines said header.

17. (Currently Amended) A computer program product on a portable radio communication device for downloading content to the communication device from a server, the communication device comprising a user interface comprising a plurality of user selectable menu applications and a browser application, wherein one or more of the menu applications includes, embedded in a sub-menu thereof, a user selectable direct download link comprising a server address, wherein in response to user selection of the direct download link from the sub-menu the browser application controls the radio communication device to transmit a signal to connect to the server, the computer program product comprising at least one computer-readable storage medium having computer-readable program code portions stored therein, the computer-readable program code portions comprising,

a first executable portion configured to select said direct download link from the sub-menu so as to request the content, which comprises validation data and other data, stored at the server,

a second executable portion configured to process and download the content from the server to the communication device, and

a third executable portion configured to security check the content downloaded from the server based on the validation data,-

wherein the validation data and the other data are downloaded from the server together in a single data stream.

18. (Currently Amended) A method for downloading content to a client terminal comprising a portable radio communication device from a server, the portable radio communication device including a user interface comprising a plurality of user selectable menu applications and a browser application,

wherein one or more of the menu applications includes, embedded in a sub-menu thereof, a user selectable direct download link comprising an address of the server, wherein in response to user selection of the direct download link from the sub-menu the browser application controls the radio communication device to transmit a signal to connect to the server, the method comprising selecting said direct download link from the sub-menu so as to request the content stored at the server,

processing and downloading said content, which comprises validation data and other data, from the server to the portable radio communication device, and

checking security of the content downloaded from the server based on the validation data of the content,-

wherein the validation data and the other data are downloaded from the server together in a single data stream.

19. (Cancelled)

20. (Currently Amended) A client terminal comprising a portable radio communication device including a user interface comprising a plurality of user selectable menu applications and a browser application, means for directly requesting content which comprises validation data and other data, stored at a server, via a sub-menu embedded in the menu applications, authentication means for security checking the content downloaded from the server

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under control of the browser application so as to determine whether or not the downloaded content is from a trusted server,-

wherein the validation data and the other data are downloaded from the server together in a single data stream.

21. (Previously Presented) A terminal as defined in claim 14, wherein the terminal comprises means automatically, after said checking of the validation data, for storing the downloaded content to a memory of the terminal as a default memory setting.

22. (Previously Presented) A terminal as defined in claim 14, wherein said validation data comprises a download transport protocol HTTP header and the authentication means examines said header.

23. (Previously Presented) A terminal as defined in claim 15, wherein said validation data

comprises a download transport protocol HTTP header and the authentication means examines said header.

24. (Previously Presented) A terminal as defined in claim 21, wherein said validation data comprises a download transport protocol HTTP header and the authentication means examines said header.

25. (Previously Presented) A terminal as defined in claim 13, wherein the validation data identifies the server and indicates to the authentication means whether the content is accepted by the portable radio communication device.

26. (Previously Presented) A terminal as defined in claim 14, wherein the validation data identifies the server and indicates to the authentication means whether the content is accepted by the portable radio communication device.

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27. (Previously Presented) A computer program product as defined in claim 17, wherein the portable communication device further comprises an authentication means and wherein the validation data identifies the server and indicates to the authentication means whether the content is accepted by the portable communication device.

28. (Previously Presented) A method as defined in claim 18, wherein the portable communication device further comprises an authentication means and wherein the validation data identifies the server and indicates to the authentication means whether the content is accepted by the portable communication device.

29. (Previously Presented) A terminal as defined in claim 20, wherein the validation data identifies the server and indicates to the authentication means whether the content is accepted by the portable communication device.

30. (Previously Presented) A terminal as defined in claim 13, wherein the content is rejected by the authentication means if the authentication means determines from the validation data that the content did not originate from the server.

31. (Previously Presented) A terminal as defined in claim 14, wherein the content is rejected by the authentication means if the authentication means determines from the validation data that the content did not originate from the server.

32. (Previously Presented) A computer program product as defined in claim 17, wherein the portable communication device comprises an authentication means and wherein the content is rejected by the authentication means if the authentication means determines from the validation data that the content did not originate from the server.

33. (Previously Presented) A method as defined in claim 18, wherein the portable communication device comprises an authentication means and wherein the content is rejected by

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the authentication means if the authentication means determines from the validation data that the content did not originate from the server.

34. (Previously Presented) A terminal as defined in claim 20, wherein the content is rejected by the authentication means if the authentication means determines from the validation data that the content did not originate from the server.

35. (Previously Presented) A terminal as defined in claim 13, wherein the content is installed on the portable communication device after the content is validated by the authentication means as originating from the server.

36. (Previously Presented) A terminal as defined in claim 14, wherein the content is installed on the portable communication device after the content is validated by the authentication means as originating from the server.

37. (Previously Presented) A computer program product as defined in claim 17, wherein the portable communication device comprises an authentication means and wherein the content is installed on the portable communication device after the content is validated by the authentication means as originating from the server.

38. (Previously Presented) A method as defined in claim 18, wherein the portable communication device comprises an authentication means and wherein the content is installed on the portable communication device after the content is validated by the authentication means as originating from the server.

39. (Previously Presented) A terminal as defined in claim 20, wherein the content is installed on the portable communication device after the content is validated by the authentication means as originating from the server.